

Certificate of Analysis

LudgerPure™ 2AA Labeled Glucose Homopolymer

Cat. # : CAA-GHP-30

Lot # : A538-06

Size : approx. 1 nmol of G1

Purity: > 95% pure as assessed by HPLC (see Fig 1)

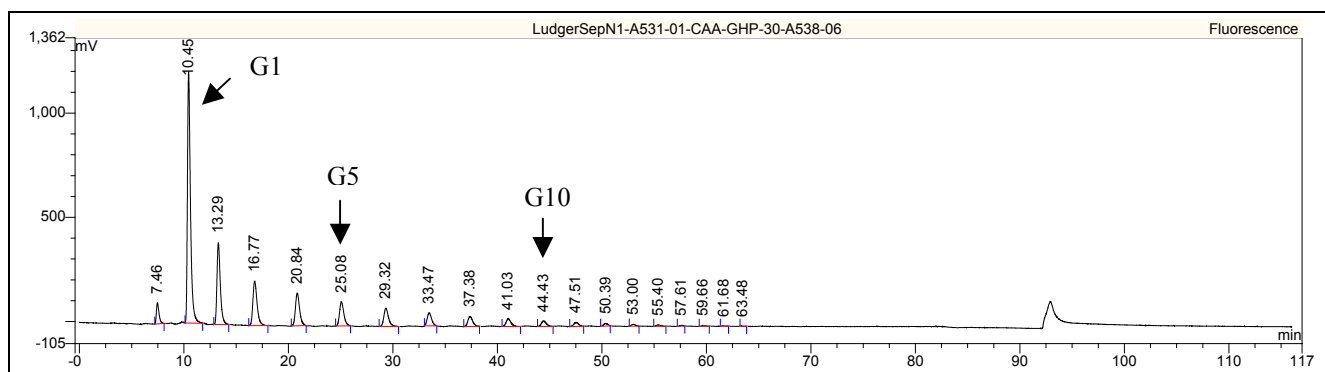


Figure 1 : LudgerSepN1 HPLC Profile of 2AA Labeled Glucose Homopolymer (Cat. #: CAA-GHP-30, Lot No. A538-06).

HPLC Running Conditions

Column: LudgerSep N1 Amide (Cat. no. LS-N1-4.6x250) Flow: 0.4 ml/min Temperature: 40 °C

Solvent A: 100 % acetonitrile Solvent B: 250 mM ammonium formate pH 4.4

Gradient:

- 0-75 min - 35-65 % B
- 75-80 min - 65-100 % B
- 80-83 min 100 % B
- 83-85 min - 100-35 % B
- 85-115 min 35 % B

Detector: Jasco FP920

Excitation wavelength: 360 nm

Emission wavelength: 425 nm

Sample Dilution

Redissolve CAA-GHP-30 in 300 µl analytical grade water. Approximately 10 µl of reconstituted sample is used per hplc run. Inject 10 µl GHP with 60 µl acetonitrile and 20 µl water.